42 003 00032

United States Steel Corporation
Clairton Works
400 State Street
Clairton, PA 15025

APC1=0
ATP1=00
Source of Cutoff

May 13, 2002

Dr. Roger C. Westman
Department of Air Quality
Bureau of Air Pollution Control
301 Thirty-Ninth Street
Pittsburgh, PA 15201

U.S. Environmental Protection Agency
Region III
Air, Radiation & Toxics Division
1650 Arch Street
Philadelphia, PA 19103-2029
ATTN: Michael Ioff (3AT23)

Assistant Council
Department of Environmental Protection
Southwest Region
400 Waterfront Drive
Pittsburgh, PA 15222-4745
ATTN: Ward Kelsey, Esq.

Department of Justice
Environmental and Natural Resource Division
Environmental Enforcement Section
P.O. Box 7611
Ben Franklin Station
Washington, D.C. 20044
ATTN: David Street, Esq.

Subject: USS Reference Number: 02-0057
#2 Control Room
USS Clairton Works

Gentlemen:

The attached form confirms our verbal report of the subject incident. Any questions concerning this matter should be referred to Coleen M. Davis at 233-1015.

Sincerely,

W. L. Grauer

for R. R. Terza
General Manager
Clairton Works Raw Materials

NOTICE OF OUTAGE OF EQUIPMENT
ARTICLE XXI - SECTION 2108.1

1. **USS Reference Number:** 02-0057

2. **Date & Time of Breakdown: Date:** 05/08/02 **Time:** 1830 hours

3. **Company Name:** U.S. Steel Corporation - USS Clairton Works

4. **Specific Equipment Involved or Affected:** #2 Control Room

5. **BAPC Permit Number (if applicable):**

6. **Location:** Clairton, PA

7. **Nature and cause of breakdown:** The Light Oil regenerators (No. 2 Control Room) process computer control system shut down. During the normal cycling of the regenerators a malfunction occurred in transmitting information to the computer-controlled system and to the operator due to a sluggish auspuff switching valve. A safety system installed will not allow the regenerators to enter the auspuff (depressurization) phase unless a signal is received that the switching valve is closed. A signal was not received and an alarm did not notify the operator. The regenerator was shut down. When this happened twice, the light oil plant shut down and gas was bypassed to the down river system.

8. **Identification of Emissions:**

   A. **Type(s) (CO, NOX, SO_2, Particulates, Hydrocarbons, etc.)** Elevated Hydrocarbons in the downriver gas line system, causing increased VOC at point of combustion.

   B. **Toxic qualities of each type (including its qualities as an irritant, and its potential for causing illness, disability, or mortality).** VOC could be an eye, nose, and throat irritant.

   C. **Amount of each type emitted (or likely to be emitted).** Light to moderate

9. **Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so).**
The Light Oil Regenerators were returned to service upon completion of the repairs.

10. **Facility back in operation** - Date: 05/09/02 Time: 0200 hours

Signature Coleen M. Davis Date 5/13/02

Coleen M. Davis
Environmental Control Engineer Phone: 233-1015